



**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS**

Honorable Commissioner of  
Patent and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As Assignee of record of the entire right, title, and interest, the undersigned corporation **SAMSUNG ELECTRONICS CO., LTD.**, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea, hereby revokes all previous powers of attorney and appoints the attorneys and/or agents of **Staas & Halsey LLP**, under USPTO Customer No. **21171**, to prosecute and transact all business in the U.S. Patent and Trademark Office for the following listed patent applications:

Docket No.	Serial No.	Filing Date	Recordation Date	Reel	Frame
1901.1335	11/072,492	3/7/2005	3/7/2005	16361	11
1901.1336	11/059,354	2/17/2005	2/17/2005	16286	674
1901.1337	11/066,428	2/28/2005	2/28/2005	16336	222
1901.1338	11/120,983	5/4/2005	5/4/2005	16533	752
1901.1339	11/100,416	4/7/2005	4/7/2005	16451	594
1901.1340	11/125,076	5/10/2005	5/10/2005	16545	817
1901.1341	11/401,223	4/11/2006	4/11/2006	17782	757
1901.1362	10/717,621	11/21/2003	2/11/2003	13753	110
1901.1363	10/366,348	2/14/2003	2/14/2003	13777	363
1901.1364	11/020,223	12/27/2004	12/27/2004	16125	551
1901.1365D	11/717,197	3/13/2007	1/17/2003	13679	587
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1907.1278	11/837,894	8/13/2007	8/15/2007	19732	470
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1907.1281	11/939,210	11/13/2007	11/14/2007	20149	80
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1911.1190	11/923,971	10/25/2007	10/26/2007	20053	21
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All correspondence and telephone communication should be directed to:

**STAAS & HALSEY LLP**  
1201 New York Avenue, N.W., 7<sup>th</sup> Floor  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

USPTO Customer No. 21171

#### ASSIGNEE CERTIFICATION

The undersigned Assignee further states that the registered attorneys and/or agents, identified in the new power of attorney above, are empowered and authorized to sign the statement(s) and certification(s) under 37 C.F.R. § 3.73(b) on behalf of the Assignee. Attached to this power is/are "CERTIFICATE(S) UNDER 37 C.F.R. §3.73(b)".

Date: 5/18/2009  
Month-Day-Year Format

Signature:   
Name: Dr. Kyungok Wun-Kim

Title: Group Leader  
Intellectual Property Prosecution Group  
Samsung Electronics Co.  
(Samsung Advanced Institute of Technology)